



Revision number: 1

Purchasing Agent: Debbie Gundersen

Item: PRESSURE WASHER SYSTEM, HOT WATER WITH TANDEM AXLE TRAILER

Vendor: 95669A Hydro Engineering Inc.
865 West 2600 South
Salt Lake City UT 84119-2429

Internet Homepage: www.hydroblaster.com

Telephone: (801) 972-1181

Fax number: (801) 972-3265

Contact: Alan McCormick

Email address: sales@hydroblaster.com

Brand/trade name: Hydroblaster

Price: See Attached Price List

Terms: Net 30

Effective dates: 09/27/99 through 09/27/02

Days required for delivery: As Needed

Price guarantee period: 1 Year

Minimum order: One Unit

Min shipment without charges: F.O.B Destination

Other conditions:

REVISION #1: EXTENDING THIS CONTRACT UNTIL 09/27/02

This contract covers only those items listed in the price schedule. It is the responsibility of the agency to ensure that other items purchased are invoiced separately. State agencies will place orders directly with the vendor (creating a PG in Finet) and make payments for the same on a PV referencing the original PG. Agencies will return to the vendor any invoice which reflects incorrect pricing.



Hot water, high pressure washer system on tandem axle trailer.

\$6,790.40 each

The unit is to be a new unit of current model. The equipment is to be delivered assembled, serviced, tested and ready to operate.

Equipment furnished by the State of Utah must meet current state and federal safety regulations.

DETAIL SPECIFICATIONS

Engine: Gasoline engine, cast iron sleeve, 20 hp. minimum. Electric start with 12 volt battery and alternator.

Pump: Capacity - 4.7 gpm minimum.
Pressure - 3500 psi minimum
Type - ceramic triplex with oil bath crank case, with high pressure pop-off safety valve.

Wands: A 42" angulated wand with built in variable pressure control and remote chemical control valve.

Nozzles: Appropriate, color coded, identifiable high pressure nozzles for single gun operation shall be supplied in 0, 15, 25 & 40 degree flat spray pattern. The nozzles shall be a through hardened 420 stainless steel material, with an interlock coupler nipple made of annealed 303 stainless steel with 80 Rockwell hardness rating.

Gun: Insulated safety shut off gun, rated @ 9 gpm, 3600 psi & 320 degrees F.

Burner: Oil fired, automatic ignition, high limit, pressure and flow switches control burner cycling and assure stable water temperature. 8 gal. minimum fuel tank. The burner is to be powered by a 2000 watt 17.5 amp generator for dependability. A capacitor start burner motor shall be installed to reduce generator drag. The burner shall be equipped with a replacement element type fuel filter/water separator with visual check and drain provision.

Safety: To have the following items:
? Burner safety control system
? Flame monitor for burner shut down if fuel flow is interrupted.
? Flow or pressure switch for burner operation.
? Hi-temperature by-pass valve.
? High pressure unloader valve.
? Over pressure relief valve.

Hose: 12" steel hose reel and 100 ft of hose rated for 4000 psi working pressure @ 275 degrees minimum.

Heater Coil: Schedule 80 A 53 cold formed duracoil, with a material thickness of .140 inches, overall length 110 ft. pipe dimension .854 OD. Welding done to ASME standards. The heating coil shall be covered by a stainless steel inner wrap and insulated with fiberfrax ceramic fibers no. 6 density 1 inch thick.

Control: Units to have the following:
? Pressure switch for burner control.
? High pressure shut-off switch, pop-off safety valve.
? Hour meter.
? Fuel gauge.
? All controls shall be protected from moisture.
? Metered chemical valve.
? 115 v 2 amp duplex receptacle.

Connections: Quick coupler with stainless steel support balls and ethylene, polypropylene diene polymer o-rings.



- Tank: To have a reinforced polyethylene 300 gallon minimum self baffling tank. To have automatic float shut-off valve permanently mounted to the unit supply water to the high pressure pump. Must meet back-flow prevention standards as they apply to this type of equipment. Tank is to be mounted over axles for proper weight distribution. A fine mesh in line filter shall be installed at two locations to adequately protect high pressure pump and to have a 8 gallon minimum soap tank.
- Trailer: 4 x 10, tandem axle trailer - rated at 5000 GVW. Minimum with a 2" pintle hook and DOT approved lighting and Pollack 11-721 trailer connection properly wire. 3" x 4" channel iron design with all corners gusseted to prevent trailer twisting. To have mounted spare tire included.
- Antifreeze: To have antifreeze recycle system.
- Option: To have surge brakes.
- Option Price: \$568.00 rated 10,000 GVW

DELIVERY

Delivery is to be made on, or before 75 days after receipt of purchase order.

Delivery must include one complete set of replacement filters for the unit. Delivery must include dealer's invoice and a copy of the warranty. Delivery must also include 2 complete sets of manuals including: operator's manual, parts lists and shop (repair) manuals. Cost of these manuals is to be included in bid price.

Invoices will not be approved for payment until all documentation and manuals have been received.

REPORTS

The contractor will submit yearly reports to the State Purchasing Agent (Debbie Gundersen) showing quantities and dollar volume of purchases by each agency and political subdivision. This report will be due by 9/27/00.

FINET COMMODITY CODE(S): FOR AGENCY USE ONLY

07519000000 - CLEANING AND WASHING EQUIPMENT, STEAM COLD AND HOT WATER
PRESSURE AND JET TYPES, PORTABLE AND STATIONARY